

**Amendments to the Claims:**

1. (Previously amended) A method for shifting the phase of a pseudorandom noise (PN) code, the method comprising:
  - accepting a PN code with a first phase;
  - determining a first time interval;
  - selecting a plurality of phase-shifting masks in response to the first time interval;
  - shifting the PN code first phase with each phase-shifting mask from the plurality of selected phase-shifting masks; and
  - generating a PN code with a second phase, offset by the first time interval from the PN code first phase.
2. (Original) The method of claim 1 wherein determining a first time interval includes accepting a first time interval from among a plurality of first time intervals.
3. (Cancelled)
4. (Previously amended) The method of claim 1 further comprising:
  - generating the PN code at a first chip period; and
  - accepting a second time interval proportionally related to the first chip period.
5. (Original) The method of claim 4 wherein accepting a second time interval includes accepting a second time interval from among a plurality of second time intervals.
6. (Previously amended) The method of claim 5 wherein determining a first time interval from among a plurality of first time intervals includes determining a first time interval from among a plurality of first time intervals that are offset from each other by predetermined periods of time.

7. (Original) The method of claim 6 wherein generating the PN code with the first chip period includes generating a PN code with  $(2^N - 1)$  states, and a period  $m$  equal to  $(2^N - 1)$  times the first chip period;

wherein determining a first time interval includes selecting a first time interval in the range between zero and  $m$ , with a resolution of  $x$ ; and

wherein generating a PN code with  $(2^N - 1)$  states, and a period  $m$  equal to  $(2^N - 1)$  times the first chip period;

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